

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: IRiS

Report Number: P1283277

Luminaire Tested: P3AS09R35B2750DE010 E3PH1MW_2700K

Issue Date: 1/29/2026

Test Information

Test Method: LM-79-2019
Report Number: P1283277
TEST IS SCALED FROM IESNA LM-79-08 TEST DATA (G1-2510-583-5)
Test Lab: INNOVATION CENTER
Issue Date: 1/29/2026
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: IRiS
Catalog Number: P3AS09R35B2750DE010 E3PH1MW_2700K
Description: 3in Adjustable Boosted Cyan Tunable White LED luminaire with, R35 optic, 2700K CCT AND, 90CRI , E3PH1MW TRIM
Light Source: -
Ballast/Driver: -

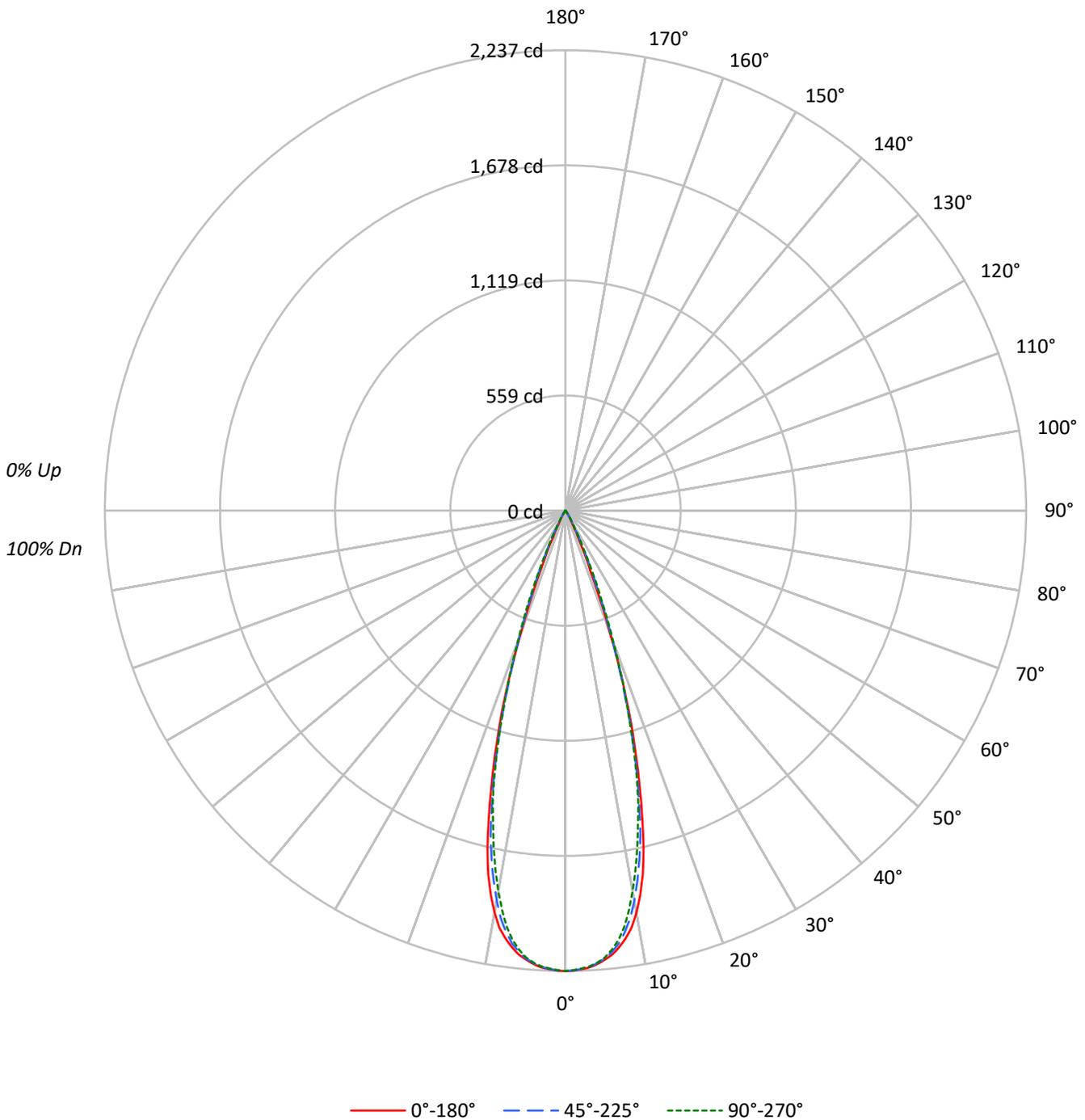
Summary

Lumens per Lamp: N/A
Luminaire Lumens: 679.0 lumens
Efficiency: N/A
Efficacy: 51.8 lumens/watt
Spacing Criteria (0/90/45): 0.57 / 0.56 / 0.51
Luminous Opening: Circular (Dia: 0.25' x H: 0')
CIE Type: Direct

Input Watts (W): 13.1
Input Voltage (V): NR
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P1283277
CATALOG NUMBER: P3AS09R35B2750DE010 E3PH1MW_2700K

Luminous Intensity Polar Plot





TEST NUMBER: P1283277

CATALOG NUMBER: P3AS09R35B2750DE010 E3PH1MW_2700K

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20				20				20				20	
RC	80				70				50				30				10	0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
RCR																		
0	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	115	113	111	109	113	111	109	108	107	106	104	103	102	101	100	99	98	97
2	111	108	105	102	109	106	103	101	103	101	99	100	98	97	97	96	95	93
3	108	103	100	97	106	102	99	96	99	97	94	97	95	93	95	93	92	90
4	104	99	95	92	103	98	94	92	96	93	91	94	92	90	93	90	89	87
5	101	95	91	88	100	95	91	88	93	90	87	92	89	87	90	88	86	85
6	98	92	88	85	97	91	88	85	90	87	84	89	86	84	88	85	83	82
7	96	89	85	82	94	89	85	82	87	84	81	86	83	81	85	83	81	80
8	93	86	82	79	92	86	82	79	85	81	79	84	81	79	83	80	78	77
9	90	84	80	77	89	83	79	77	82	79	76	82	79	76	81	78	76	75
10	88	81	77	75	87	81	77	74	80	77	74	80	76	74	79	76	74	73

AVERAGE LUMINANCE (cd/sqm):

	0°	45°	90°
0°	490553	490553	490553
5°	482125	481091	480056
10°	441853	428583	418162
15°	316392	306313	302590
20°	146709	151773	157094
25°	34817	49527	51656
30°	10229	11698	13192
35°	2356	3748	3453
40°	515	1002	658
45°	186	186	186
50°	205	0	205
55°	0	0	0
60°	0	0	0
65°	0	0	0
70°	0	0	0
75°	0	0	0
80°	0	0	0
85°	0	0	0

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 0°

Vertical Angle: 52.5°

Luminance: 216 cd/sqm



TEST NUMBER: P1283277

CATALOG NUMBER: P3AS09R35B2750DE010 E3PH1MW_2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	200.8	29.6
10°-20°	359.1	52.9
20°-30°	108.0	15.9
30°-40°	10.3	1.5
40°-50°	0.7	0.1
50°-60°	0.0	0.0
60°-70°	0.0	0.0
70°-80°	0.0	0.0
80°-90°	0.0	0.0
90°-100°	0.0	0.0
100°-110°	0.0	0.0
110°-120°	0.0	0.0
120°-130°	0.0	0.0
130°-140°	0.0	0.0
140°-150°	0.0	0.0
150°-160°	0.0	0.0
160°-170°	0.0	0.0
170°-180°	0.0	0.0
0°-30°	667.9	98.4
0°-40°	678.3	99.9
0°-60°	679.0	100.0
0°-90°	679.0	100.0
90°-120°	0.0	0.0
90°-150°	0.0	0.0
90°-180°	0.0	0.0
0°-180°	679.0	100.0

CANDELA DISTRIBUTION:

	0°	22.5°	45°	67.5°	90°	Flux
0°	2237	2237	2237	2237	2237	
5°	2190	2190	2186	2183	2181	203
15°	1394	1383	1349	1343	1333	368
25°	144	158	205	214	214	93
35°	9	12	14	15	13	8
45°	1	1	1	1	1	1
55°	0	0	0	0	0	0
65°	0	0	0	0	0	0
75°	0	0	0	0	0	0
85°	0	0	0	0	0	0
90°	0	0	0	0	0	0



TEST NUMBER: P1283277

CATALOG NUMBER: P3AS09R35B2750DE010 E3PH1MW_2700K

CANDELA DISTRIBUTION (FULL):

	0°	22.5°	45°	67.5°	90°
0°	2237.1	2237.1	2237.1	2237.1	2237.1
1°	2235.9	2235.9	2234.7	2234.7	2232.4
2°	2230.6	2231.2	2228.9	2228.3	2226.5
3°	2222.4	2220.7	2220.7	2219.5	2218.4
4°	2209.6	2206.1	2204.9	2205.5	2203.1
5°	2190.3	2189.7	2185.6	2182.7	2180.9
6°	2169.2	2165.1	2156.4	2148.8	2147.0
7°	2137.6	2128.9	2121.3	2105.5	2103.1
8°	2099.0	2085.0	2068.6	2046.4	2045.2
9°	2051.7	2028.9	2006.1	1976.2	1965.7
10°	1984.4	1963.4	1924.8	1898.4	1878.0
11°	1900.8	1874.5	1829.4	1797.8	1780.9
12°	1806.0	1781.5	1728.8	1700.2	1676.2
13°	1684.4	1663.9	1614.8	1583.2	1564.5
14°	1543.4	1528.2	1481.4	1467.4	1461.0
15°	1393.7	1383.2	1349.3	1343.4	1332.9
17.5°	1025.8	1008.3	989.0	992.5	996.0
20°	628.7	653.3	650.4	663.2	673.2
22.5°	313.5	345.1	381.9	404.1	415.2
25°	143.9	158.5	204.7	213.5	213.5
27.5°	72.5	76.0	96.5	98.3	102.9
30°	40.4	43.3	46.2	51.5	52.1
32.5°	20.5	24.0	25.1	28.1	26.9
35°	8.8	11.7	14.0	15.2	12.9
37.5°	4.1	5.3	7.6	7.0	5.3
40°	1.8	2.3	3.5	2.9	2.3
42.5°	1.2	1.2	1.8	1.2	1.2
45°	0.6	0.6	0.6	0.6	0.6
47.5°	0.6	0.6	0.0	0.6	0.6
50°	0.6	0.0	0.0	0.0	0.6
52.5°	0.6	0.0	0.0	0.0	0.6
55°	0.0	0.0	0.0	0.0	0.0
57.5°	0.0	0.0	0.0	0.0	0.0
60°	0.0	0.0	0.0	0.0	0.0
62.5°	0.0	0.0	0.0	0.0	0.0
65°	0.0	0.0	0.0	0.0	0.0
67.5°	0.0	0.0	0.0	0.0	0.0
70°	0.0	0.0	0.0	0.0	0.0
72.5°	0.0	0.0	0.0	0.0	0.0
75°	0.0	0.0	0.0	0.0	0.0
77.5°	0.0	0.0	0.0	0.0	0.0
80°	0.0	0.0	0.0	0.0	0.0
82.5°	0.0	0.0	0.0	0.0	0.0
85°	0.0	0.0	0.0	0.0	0.0
87.5°	0.0	0.0	0.0	0.0	0.0



TEST NUMBER: P1283277

CATALOG NUMBER: P3AS09R35B2750DE010 E3PH1MW_2700K

CANDELA DISTRIBUTION (continued):

	0°	22.5°	45°	67.5°	90°
90°	0.0	0.0	0.0	0.0	0.0

(END OF REPORT)